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IDENTIFIER:** JP 07179763 A
TITLE: ORGANOPOLYSILOXANE
COMPOSITION AND OPTICAL
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INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To obtain an organopolysiloxane composition containing a specified alkenyl group-containing

organopolysiloxane, an organosilicon compound and a platinum-based catalyst, excellent in moisture resistance and heat resistance and capable of producing an optical fiber low in optical transmission loss even under high-temperature and high-humidity conditions by using it as the core.

CONSTITUTION: This organosiloxane composition contains (A) an alkenyl group- containing organopolysiloxane having units of the formula $RSiO1.5$ (R is a 1 to 10C univalent hydrocarbon) and an alkenyl group directly bonded to Si in an amount of ≥ 0.05 per one Si atom in the molecule, (B) an organosilicon compound of formula I [R1 is a univalent hydrocarbon; Q is a divalent aromatic hydrocarbon; (a) is 1 to 3] and (C) a platinum catalyst (e.g. chloroplatinic acid).

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